

Claims

We claim:

1. A method for transmitting an image comprising the steps of:
receiving image data in a first file format at a first server;
converting said image data to a plurality of image files in a second file format,
each one of said plurality of image files limited to a specified file size;
transferring said plurality of image files to a second server over a first path; and
sending said plurality of image files from said second server to an end-use-
device over a second path, said end-use-device not capable of receiving files over said
first path, said end-use-device limited to receiving files of a size less than or equal to
said specified size.
2. The method of Claim 1, further comprising the steps of:
reassembling at said end-use-device said plurality of image files into an end-use-
device file and converting said end-use-device file into a file format capable of being
displayed on said end-use-device; and
displaying image contained in said end-use-device file on said end-use-device.
3. The method of Claim 1, further comprising the step of transferring said
image data to said first server over said first path.
4. The method of Claim 3, wherein said image data is in said first file format
and is transferred to said first server from a user computer.
5. The method of Claim 1, wherein said receiving step further comprises
receiving image details and recipient end-use-device data.
6. The method of Claim 5, wherein said converting step further comprises
placing said image details and said recipient end-use-device data into said plurality of
image files.

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displaying image contained in said end-use-device file on said end-use-device and displaying said image details.

9. The method of Claim 1, wherein said converting step further comprises the step of placing a unique header in each file of said plurality of image files, said unique header indicating the total number of files comprising said plurality of image files, and said unique header also indicating the position of each file of said plurality of image files within said image data.

reading unique headers from each file of said plurality of image files, said unique headers indicating the total number of files comprising said plurality of image files, and said unique headers also indicating the position of each file of said plurality of image files within said image data; and

11. The method of Claim 1, wherein said specified file size is determined by a maximum file size capable of being received by said end-use-device.

12. The method of Claim 1, wherein said first path a wireline network.

13. The method of Claim 1, wherein said second path is a wireless network.

14. The method of Claim 1, wherein said second file format comprises the UUencoded format.

15. A method for transmitting an image comprising the steps of:
converting at a user computer image data in a first file format to a plurality of image files in a second file format, each one of said plurality of image files limited to a specified file size;

transferring said plurality of image files to a second server over a first path; and
sending said plurality of image files from said second server to an end-use-device over a second path, said end-use-device not capable of receiving files over said first path, said end-use device limited to receiving files of a size less than or equal to said specified size.

16. The method of Claim 15, further comprising the steps of:
reassembling at said end-use device said plurality of image files into an end-use-device file and converting said end-use-device file into a file format capable of being displayed on said end-use-device; and

displaying image contained in said end-use-device file on said end-use-device.

17. The method of Claim 15, wherein said converting step further comprises placing image details and recipient end-use-device data into said plurality of image files.

18. The method of Claim 17, further comprising the step of:
reassembling at said end-use device said plurality of image files into an end-use-device file and converting said end-use-device file into a file format capable of being displayed on said end-use-device; and

displaying image contained in said end-use-device file on said end-use-device and displaying said image details.

19. The method of Claim 17, wherein said end-use-device is designated by said recipient end-use-device data.

20. The method of Claim 15, wherein said converting step further comprises the step of placing a unique header in each file of said plurality of image files, said unique header indicating the total number of files comprising said plurality of image files, and said unique header also indicating the position of each file of said plurality of image files within said image data.

21. The method of Claim 16, wherein said reassembling step further comprising the steps of:

reading unique headers from each file of said plurality of image files and, said unique headers indicating the total number of files comprising said plurality of image files, and said unique headers also indicating the position of each file of said plurality of image files within said image data; and

constructing said end-use-device file by joining said plurality of image files in an order indicated by said unique headers.

22. The method of Claim 15, wherein said specified file size is determined by a maximum file size capable of being received by said end-use-device.

23. The method of Claim 15 wherein said first path is a wireline network.

24. The method of Claim 15 wherein said second path is a wireless network.

25. The method of Claim 15, wherein said second file format comprises the UUencoded format.

26. A system for transmitting an image comprising:

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LAW OFFICES

NNEGAN, HENDERSON,
FARABOW, GARRETT,
& DUNNER, L.L.P.
1300 I STREET, N. W.
WASHINGTON, DC 20005
202-408-4000

a first server configured to receive image data in a first file format and convert said image data to a plurality of image files in a second file format, each one of said plurality of image files limited to a specified file size; and

a second server in communications with the first server via a first path, the second server configured to receive said plurality of image files over a first path and to send said plurality of image files from said second server over a second path.

27. The system of Claim 26, further comprising an end-use-device in communications with the second server via the second path, the end-use-device configured to reassemble said plurality of image files into a end-use-device file, to convert said end-use-device file into a file format capable of being displayed on said end-use-device, and to display image contained in said end-use-device file, said end-use-device not capable of receiving files over said first path, said end-use device limited to receiving files of a size less than or equal to said specified size.

28. The system of Claim 26 further comprising a user computer configured to send said image data to said first server.

29. The system of Claim 28, wherein said image data is sent to said first file server over said first path, said image data in said first file format.

30. The system of Claim 26, wherein said first server is further configured to receive image details and recipient end-use-device data.

31. The system of Claim 26, wherein said first server is further configured to place said image details and recipient end-use-device data into said plurality of image files.

32. The system of Claim 27, wherein said first server is further configured to place said image details and recipient end-use-device data into said plurality of image

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files, and wherein said end-use-device is further configured to display said image details.

33. The system of Claim 27, wherein said first server is further configured to place said image details and recipient end-use-device data into said plurality of image files, and wherein said end-use-device is designated by said recipient end-use-device data.

34. The system of Claim 26, wherein said first server is further configured to place a unique header in each file of said plurality of image files, said unique header indicating the total number of files comprising said plurality of image files, and said unique header also indicating the position of each file of said plurality of image files within said image data.

35. The system of Claim 27, wherein said end-use-device is further configured to:

read unique headers from each file of said plurality of image files and, said unique headers indicating the total number of files comprising said plurality of image files, and said unique headers also indicating the position of each file of said plurality of image files within said image data; and

construct said end-use-device file by joining said plurality of image files in an order indicated by said unique headers.

36. The system of Claim 26, wherein said specified file size is determined by a maximum file size capable of being received by said end-use-device.

37. The system of Claim 26, wherein said first path is a wireline network.

38. The system of Claim 26, wherein said second path is a wireless network.

39. The system of Claim 26, wherein said second file format comprises the UUencoded format.

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40. A system for transmitting an image comprising:

a user computer configured to convert image data in a first file format to a plurality of image files in a second file format, each one of said plurality of image files limited to a specified file size;

a second server in communications with the user computer via a first path, the second server configured to receive said plurality of image files over a first path and to send said plurality of image files from said second server over a second path.

41. The system of Claim 40, further comprising an end-use-device in communications with the second server via the second path, the end-use-device configured to reassemble said plurality of image files into a end-use-device file, to convert said end-use-device file into a file format capable of being displayed on said end-use-device, and to display image contained in said end-use-device file, said end-use-device not capable of receiving files over said first path, said end-use device limited to receiving files of a size less than or equal to said specified size

42. The system of Claim 40, wherein said user computer is further configured to place image details and recipient end-use-device data into said plurality of image files.

43. The system of Claim 41, wherein said user computer is further configured to place image details and recipient end-use-device data into said plurality of image files.

44. The system of Claim 41, wherein said end-use-device is further configured to display said image details.

45. The system of Claim 41, wherein said end-use-device is designated by said recipient end-use-device data.

46. The system of Claim 40, wherein said user computer is further configured to place a unique header in each file of said plurality of image files, said unique header indicating the total number of files comprising said plurality of image files, and said unique header also indicating the position of each file of said plurality of image files within said image data.

47. The system of Claim 41, wherein said end-use-device is further configured to:

read unique headers from each file of said plurality of image files and, said unique headers indicating the total number of files comprising said plurality of image files, and said unique headers also indicating the position of each file of said plurality of image files within said image data; and

construct said end-use-device file by joining said plurality of image files in an order indicated by said unique headers.

48. The system of Claim 41, wherein said specified file size is determined by a maximum file size capable of being received by said end-use-device.

49. The system of Claim 40 wherein said first path is a wireline network.

50. The system of Claim 40 wherein said second path is a wireless network.

51. The system of Claim 40 wherein said second file format comprises the UUencoded format.

LAW OFFICES

NNEGAN, HENDERSON,
FARABOW, GARRETT,
& DUNNER, L.L.P.
1300 I STREET, N. W.
WASHINGTON, DC 20005
202-408-4000